

55. (New) An apparatus for supplying a fluid to a cell, the apparatus comprising:  
a chip constructed and arranged to be rotatable about an axis passing through the chip, the  
chip comprising a plurality of predetermined reaction sites; and  
a fluid dispenser constructed and arranged to convey less than about 5 microliters of the  
fluid to the predetermined reaction sites.

56. (New) An apparatus comprising:  
a chip constructed and arranged to be rotatable around a spindle passing through the chip,  
the chip comprising at least 20,000 predetermined reaction sites; and  
an identifying mark associated with each reaction site.

57. (New) A method comprising:  
rotating a substantially planar chip about an axis passing through the chip, the chip  
comprising a predetermined reaction site constructed and arranged to bind a cell; and  
dispensing less than about 0.5 microliters of a fluid to the reaction site.